



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/656,316	09/06/2000	Yasuhiro Mori	MTS-3206US	9431

7590                    07/08/2003

Ratner & Prestia  
Suite 301 One Westlakes Berwyn  
PO Box 980  
Valley Forge, PA 19482-0980

[REDACTED] EXAMINER

AZARIAN, SEYED H

[REDACTED] ART UNIT      [REDACTED] PAPER NUMBER

2625

DATE MAILED: 07/08/2003

9

Please find below and/or attached an Office communication concerning this application or proceeding.

SF

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/656,316	MORI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Seyed Azarian	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is **FINAL**.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-16,21,23 and 24 is/are rejected.
- 7) Claim(s) 17-20 and 22 is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 19 March 2001 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

#### Attachment(s)

- |  |  |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                    | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ . |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)           | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ . | 6) <input type="checkbox"/> Other: _____ .                                   |

## DETAILED ACTION

### Claim Rejections - 35 USC § 102

1. following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

2. Claim 1, 6, 10, 14-16, 21 and 23-24, are rejected under 35 U.S.C. 102(e) as being anticipated by Doi et al (U.S. patent 6,525,670).

Regarding claim 1, Doi et al discloses a data input apparatus comprising: image acquiring means for acquiring an image of data displayed on a data display section of a measuring instrument (column 11, lines 62-67, the terminal device 3 is able to display health data and perform data communication).

Number reading means for reading numbers in said acquired image; and displaying means for displaying the read numbers (column 10, lines 5-17, measuring data, as a result can be read by one data transferring device 2).

Regarding claim 6, Doi et al discloses the data input apparatus, wherein said number reading means reads numbers displayed in analog form (column 11, lines 25-36, refer to displaying data).

Regarding claim 10, Doi et al discloses the data input apparatus, wherein said number reading means and/or said image recognizing means are provided on another apparatus connected through a communication channel (column 10, lines 37-42, refer to communication network).

Regarding claim 16, Doi et al discloses the display data analysis apparatus according to claim 15, wherein said indices are attached to the outer circumference of the display section of the measured data of said measuring apparatus (column 10, lines 5-17, measuring data, as a result can be read by one data transferring device 2 and column 11, lines 25-36, refer to displaying data).

Regarding claim 23, Doi et al discloses a medium that stores a program and/or data to execute all or some of the functions of all or some of the means of the present invention according to one of claims 1 to 22 and can be processed by a computer (column 13, line 66 through column 14, line 10, memory 34 for storing application software and data).

Regarding claims 14-15, recites similar limitation as claims 1 and 2, are similarly analyzed.

Regarding claims 21 and 24, recites similar limitation as claim 23, are similarly analyzed.

### **Claim Rejections - 35 USC § 103**

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2-4, 7-9 and 11-13, are rejected under 35 U.S.C. 103(a) as being unpatentable over Doi et al (U.S. patent 6,525,670) in view of Tamura (U.S. patent 5,434,611).

Regarding claim 2, Doi et al discloses the data input apparatus, wherein said image acquiring means also acquires an image of a portion other than the data display section of said measuring instrument at the same time (Fig. 32-34, column 13, lines 20-29, block diagram showing an essential “portion for controlling another communication data” and column 16, line 17-24the process of the receiving terminal device which is performed at the foregoing time).

However Doi et al is silent about “image information”. On the other hand Tamura in the same field of health care system teaches (column 8, lines 33-43, the home health care system provide television camera that image data from health care provider’s can be displayed on television.

Therefore it would have been obvious to one having ordinary skill in the art at the time of the invention was made, to modify Doi et al invention according to the teaching of Tamura because it provide information other than said numbers or communication that can not be performed for the various kinds of information, which improve accuracy and speed of monitoring required by medical examination.

Regarding claim 3, Doi et al discloses the data input apparatus, wherein the information on the measuring instrument read by said image recognizing means is used when said number

Art Unit: 2625

reading means reads numbers (column 3, line 66 through column 4, line 9, measuring device for reading data).

Regarding claim 9, Doi et al discloses the data input apparatus according to one of claim 1 to claim 8, wherein said measuring instrument is a measuring instrument to detect various physiological conditions of human body and used as an electronic health monitor apparatus (health measuring device or measuring bode temperature or sphygmomanometers).

Regarding claim 11, Doi et al discloses a data input system comprising: the data input apparatus, a TV telephone apparatus to communicate images with a third party at a remote place; and a switching apparatus for switching the output destination of said imaging apparatus, wherein by the user switching the output destination of said imaging apparatus through said switching apparatus according to the purpose of use (Fig. 6, column 10, lines 27-35, refer to monitor and communication infrastructure).

Regarding claim 13, Doi et al discloses a data input system comprising: the data input apparatus according to claim 4, which is a measuring instrument to detect various physiological conditions of human body; a TV telephone apparatus to communicate images with a third party at a remote place; an affected area image data collection apparatus for collecting image data of an affected area; and a switching apparatus for switching the output destination of said imaging apparatus, wherein by switching the output destination of said imaging apparatus through said switching apparatus according to the user's purpose of use, said imaging apparatus is used as an input apparatus common to said data input apparatus, said TV telephone apparatus and said affected area image data collection apparatus (column 11, line 62 through column 12, line 8, perform data communication to the outside (third party)).

Regarding claims 4, 7-8 and 12, recites similar limitation as claims 2 and 3, are similarly analyzed.

5. Claim 5, is rejected under 35 U.S.C. 103(a) as being unpatentable over as applied to claims above, and further in view of Hishinuma et al (U.S.4,564,861).

Regarding claim 5, Doi et al and Tamura fails to disclose “extracting an image”. On the other hand Hishinuma et al, teaches (column 5, lines 45-67, extracting an image of a specific structure contained in at least one of radiation images).

Therefore it would have been obvious to a person of ordinary skill in the art at time the invention was made, to modify Doi et al and Tamura invention according to the teachings of Hishinuma et al because it provides desired image and improve the quality of image for viewing and diagnostic purposes.

### Allowable Subject Matter

6. Claims 17-19, 20 and 22, are objected as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitation of the base claim and any intervening claims.

### *Other prior art cited*

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. patent (6,190,3130 to Hinkle is cited for interactive health care system and method.

U.S. patent (6,171,237) to Avitall et al is cited for remote health monitoring system.

U.S. patent (3,668,307) to Face et al is cited for two-way community antenna television system.

U.S. patent (5,007,429) to Treatch et al is cited for interface using 12-digit keypad for programming parameters in ambulatory blood pressure monitor.

U.S. patent (4,051,522) to Healy et al is cited for patient monitoring system.

**Contact Information**

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Seyed Azarian whose telephone number is (703) 306-5907. The examiner can normally be reached on Monday through Thursday from 6:00 a.m. to 7:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh Mehta, can be reached at (703) 308-5246.

**Any response to this action should be mailed to:**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**Or faxed to:**

(703) 872-9314, ("draft" or "informal" communications should be clearly labeled to expedite delivery to examiner).

**Hand delivered responses** should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to T.C. customer service office whose telephone number is (703) 306-0377.

Application/Control Number: 09/656,316  
Art Unit: 2625

Page 8

*Seyed Azarian*  
*Patent Examiner*  
*Group Art Unit 2625*  
*June 29, 2003*



Jayanti K. Patel  
Primary Examiner

